

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	392	electrode with insulator with (ion exchang\$2 OR membrane)	US-PGPUB; USPAT	ADJ	ON	2008/01/16 13:15
L2	72	l1 and ("204" or "205").clas.	US-PGPUB; USPAT	ADJ	ON	2008/01/16 14:00
L3	21	(electrode) with plurality with (ion near3 exchanger)	US-PGPUB; USPAT	ADJ	ON	2008/01/16 14:01
L4	1	"3588196".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/16 14:42
S1	1	"20040129569".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:23
S2	6	jp-2003175422-\$.did. or jp-2004209588-\$.did. or jp-2001260012-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/14 12:15
S3	1	wo-2003054255-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/14 12:15
S17	6	"10337357"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/14 12:30
S18	5	"10296333"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/14 12:30
S19	28223	(substrate or wafer or workpiece) near3 holder	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:32
S20	7456	electrode base	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:55
S21	1603507	liquid or electrolyte or (pure water)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 13:55
S22	34148	(support base)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:00

## EAST Search History

S23	236154	pressure near3 fluid	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:00
S24	1	S19 and S20 and S21 and S22 and S23	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:01
S25	741	S21 and S22 and S23	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:01
S26	0	S21 with S22 with S23	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:02
S27	301885	float or floating or floatingly	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:02
S28	124	S22 with S27	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:02
S29	70	S22 near5 S27	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:02
S30	1	S29 with S20	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:02
S31	3	S29 with electrode	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:03
S32	74	S19 and S20	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/14 14:13
S33	52	S32 and pressure	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/14 14:13
S34	15	S33 and fluid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2008/01/14 14:13
S35	305	electrode with (contacting or contact) with S19	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:32
S36	137	S35 and ("204" or "205").clas.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 14:32
S37	732	holder with electrode with pressure	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:35
S38	476	semitool.as.	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:35

## EAST Search History

S39	0	S37 and S38	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:35
S40	169	S38 and S19	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:35
S41	122	S40 and base	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:36
S42	0	S39 and electrode with base	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:36
S43	12	S40 and (electrode near3 base)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:58
S44	267143	motor with (rotate or rotating)	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:59
S45	35777	arm near3 vertical	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:59
S46	215	S19 and S44 and S45	US-PGPUB; USPAT	ADJ	ON	2008/01/14 16:59
S47	151108	electrolytic or electro\$1chemical	US-PGPUB; USPAT	ADJ	ON	2008/01/14 17:00
S48	63	S46 and S47	US-PGPUB; USPAT	ADJ	ON	2008/01/14 17:03
S49	1487	ebara.as.	US-PGPUB; USPAT	ADJ	ON	2008/01/15 09:56
S50	63	pressure chamber	US-PGPUB; USPAT	ADJ	ON	2008/01/15 09:56
S51	22144	fluid with (pressure chamber)	US-PGPUB; USPAT	ADJ	ON	2008/01/15 09:57
S52	30	S49 and S51	US-PGPUB; USPAT	ADJ	ON	2008/01/15 10:56
S53	1322	(electrode) with (support) with (spring)	US-PGPUB; USPAT	ADJ	ON	2008/01/15 10:57
S54	90	S53 and ("204" or "205").clas.	US-PGPUB; USPAT	ADJ	ON	2008/01/15 10:57
S55	1	"3588196".pn.	US-PGPUB; USPAT	ADJ	ON	2008/01/15 13:27
S56	1487	ebara.as.	US-PGPUB; USPAT	ADJ	ON	2008/01/15 13:27
S57	86	wilkins.xp.	US-PGPUB; USPAT	ADJ	ON	2008/01/15 13:27
S58	4	S56 and S57	US-PGPUB; USPAT	ADJ	ON	2008/01/15 13:27
S59	13109	(substrate holder)	US-PGPUB; USPAT	ADJ	ON	2008/01/15 13:27
S60	87	S56 and S59	US-PGPUB; USPAT	ADJ	ON	2008/01/15 13:27

## EAST Search History

S61	87	S60	US-PGPUB; USPAT	ADJ	ON	2008/01/15 13:27
S62	13	("20020006876"   "20020157686"   "20020179120"   "20030024645"   "20040084318"   "20040182277"   "20040234696"   "20040235237"   "20040235298"   "20040237896"   "5169491"   "6709563"   "6874516").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 13:31
S63	21591	(substrate or wafer or workpiece) adj holder	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 13:31
S64	1394829	arm	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 13:31
S65	5359	S63 and S64	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 13:31
S66	1580	S63 with S64	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 13:31
S67	190	S66 and ("204" or "205").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 17:02
S68	2626	(pressure chamber) with electrode	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 17:02
S69	128	S68 and ("204" or "205").clas.	US-PGPUB; USPAT; USOCR	ADJ	ON	2008/01/15 17:02

## EAST Search History

S70	24	(US-20070295600-\$ or US-20070246350-\$ or US-20060226000-\$ or US-20050167265-\$ or US-20050126920-\$ or US-20040178065-\$ or US-20040040853-\$ or US-20040035707-\$ or US-20030226764-\$ or US-20030019741-\$ or US-20020056647-\$ or US-20070080057-\$ or US-20070023277-\$ or US-20060128279-\$ or US-20050247567-\$ or US-20040084315-\$ or US-20030060144-\$ or US-20020096436-\$).did. or (US-6746589-\$ or US-7189647-\$ or US-6632335-\$ or US-7083507-\$ or US-5384208-\$ or US-5235135-\$). did.	US-PGPUB; USPAT	ADJ	ON	2008/01/15 17:17
S71	6	S70 and (plurality near3 electrode)	US-PGPUB; USPAT	ADJ	ON	2008/01/15 17:36
S72	0	S70 and ((ion\$2 near3 (exchanger or membrane)) and insulat\$3)	US-PGPUB; USPAT	ADJ	ON	2008/01/15 17:37
S73	0	S70 and (ion\$2 near3 (exchanger or membrane))	US-PGPUB; USPAT	ADJ	ON	2008/01/15 17:38
S74	15	S70 and ion\$2	US-PGPUB; USPAT	ADJ	ON	2008/01/15 17:38
S75	0	S70 and (ion\$2 with permeable)	US-PGPUB; USPAT	ADJ	ON	2008/01/15 17:38
S76	0	S70 and (ion\$2 with permeab\$5)	US-PGPUB; USPAT	ADJ	ON	2008/01/16 13:13